

Fig. 1

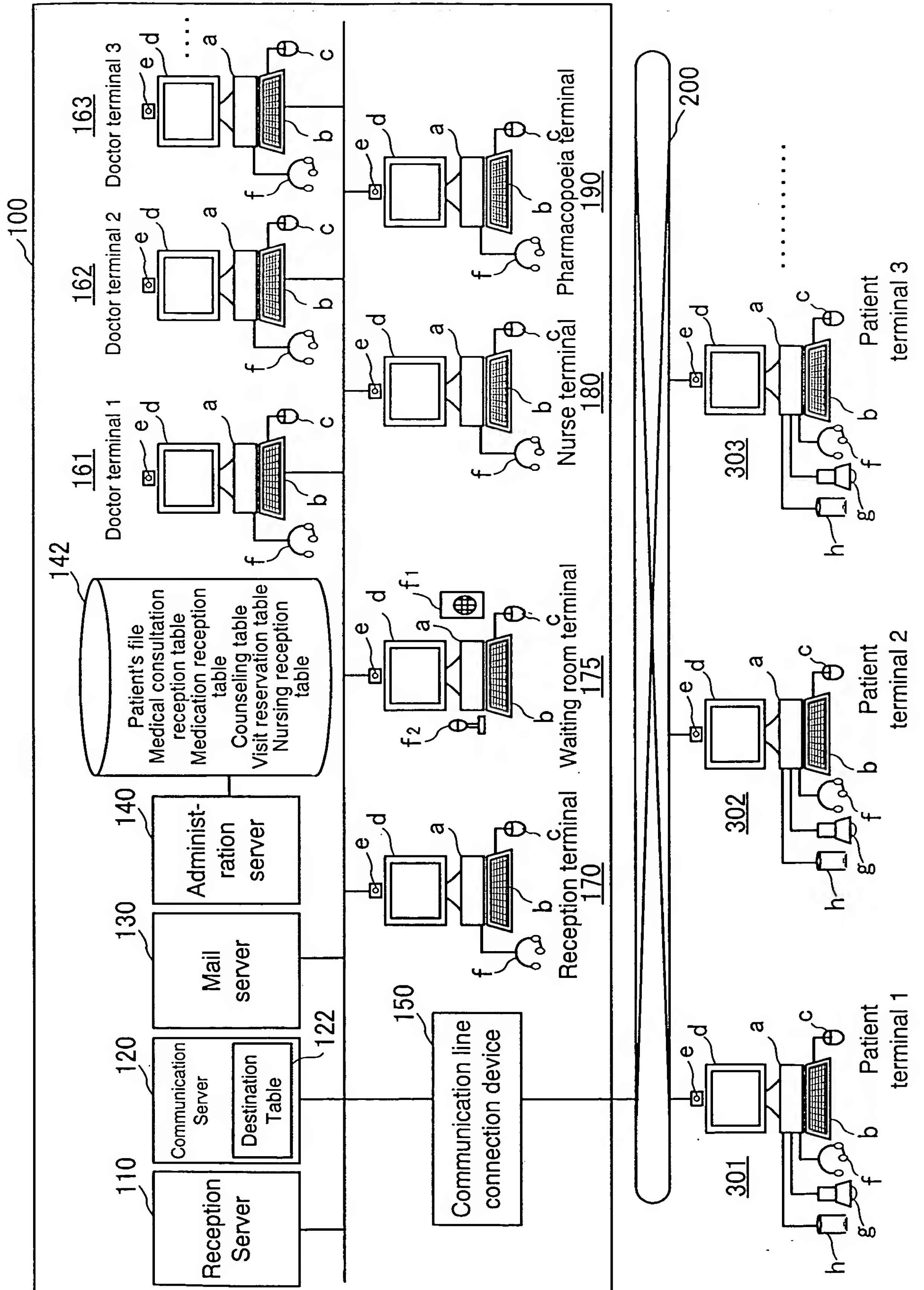


Fig. 2

DESTINATION TABLE IN THE COMMUNICATION SERVER

Kind of connection	Terminal Address				
	Waiting room terminal	(Patient terminal)	(Patient terminal)	(Patient terminal)	(Patient terminal)
Waiting room				
Consultation room 1	(Doctor terminal 1)	(Patient terminal)			
Consultation room 2	(Doctor terminal 2)	(Patient terminal)			
Consultation room 3	(Doctor terminal 3)	(Patient terminal)			
Nursing room 1	(Patient terminal)	(Patient terminal)	(Patient terminal)	(Patient terminal)
Nursing room 2	(Patient terminal)	(Patient terminal)	(Patient terminal)	(Patient terminal)
Nursing room 3	(Patient terminal)	(Patient terminal)	(Patient terminal)	(Patient terminal)
Individual conversation room A	(Patient terminal)	(Patient terminal)			
Individual conversation room B	(Patient terminal)	(Nurse terminal)			
Individual conversation room C	(Patient terminal)	(Doctor terminal)			
Individual conversation room D	(Patient terminal)	(Waiting room terminal)			
Individual conversation room E	(Patient terminal)	(Reception terminal)			

Fig. 3

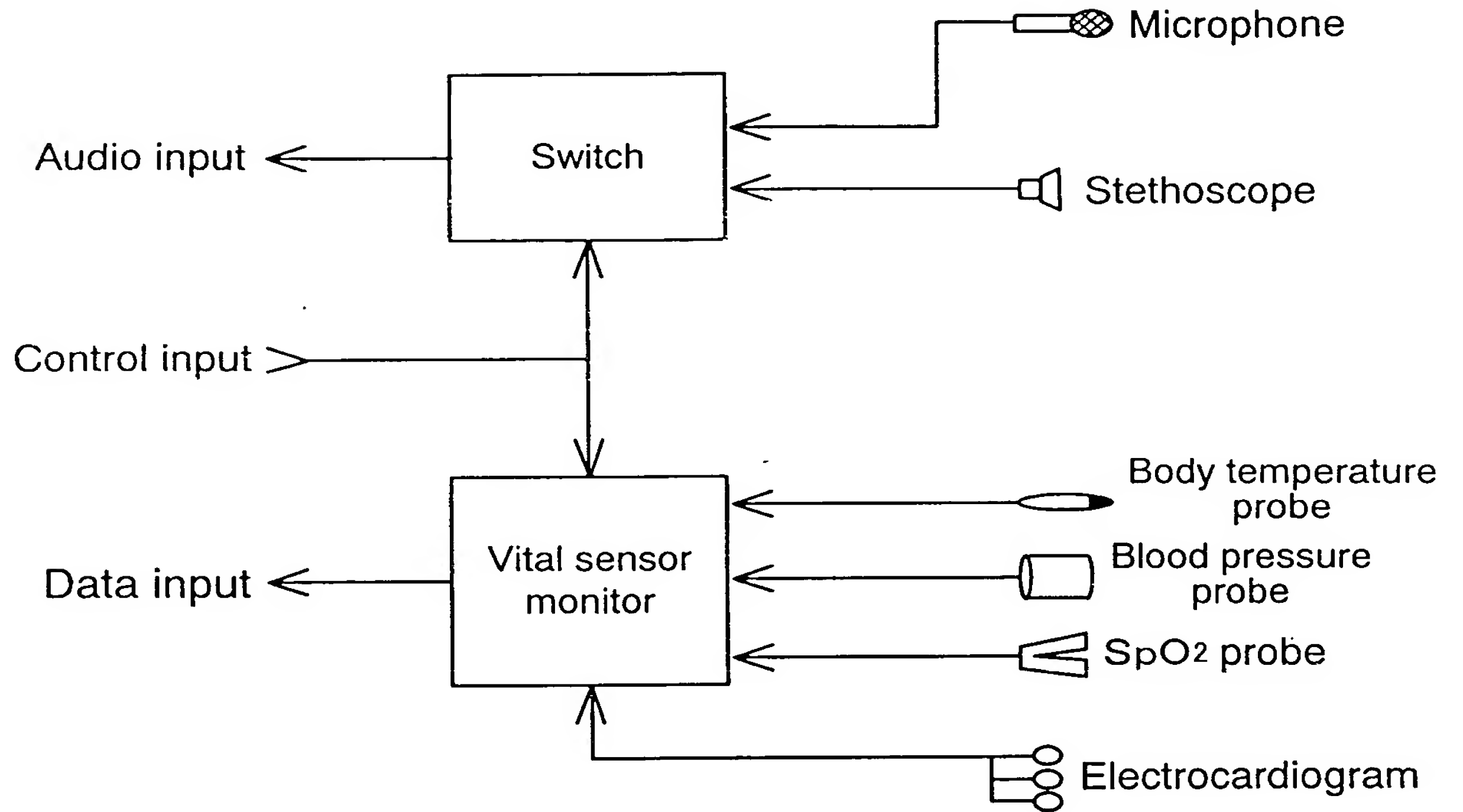


Fig. 4

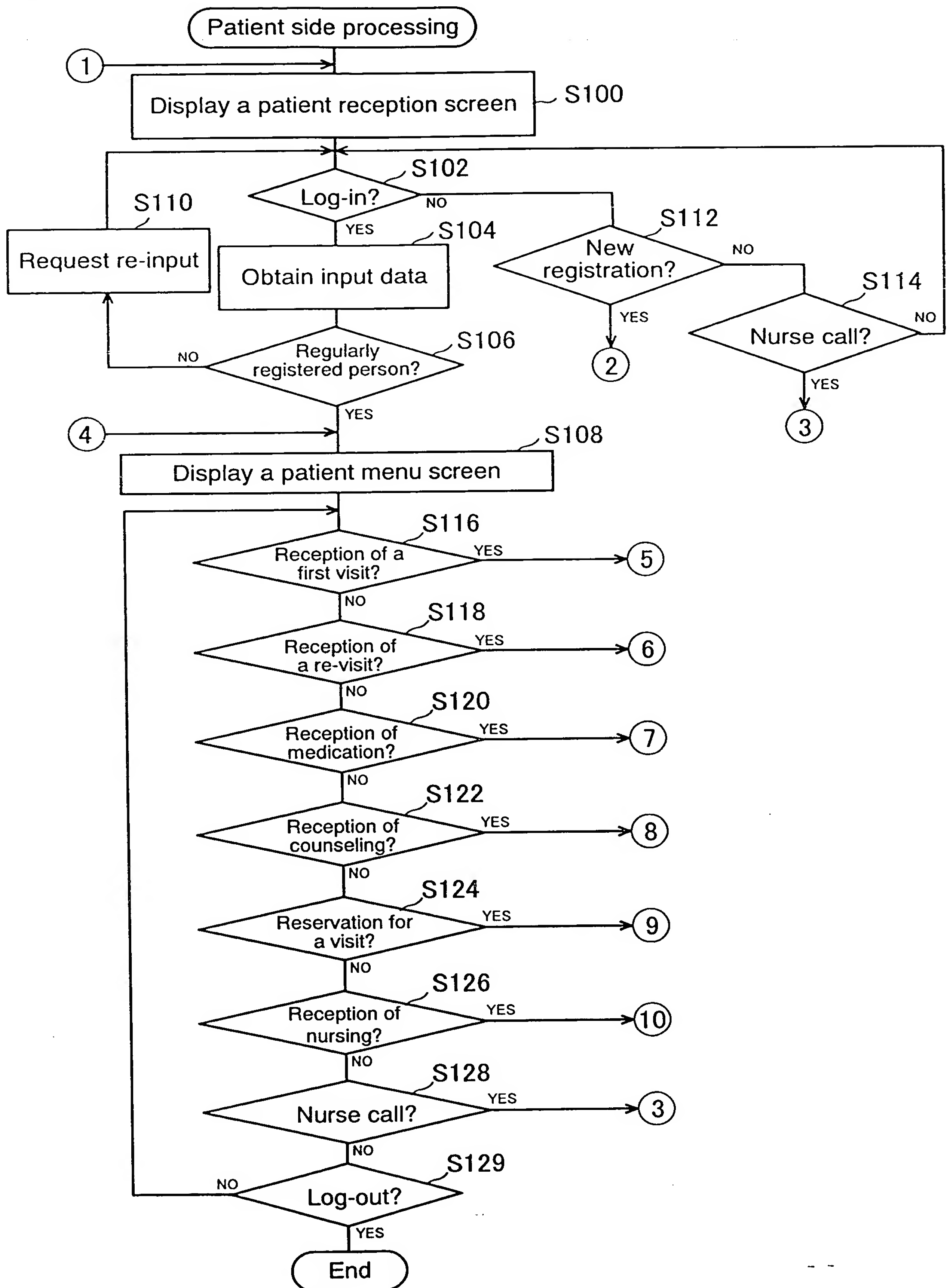


Fig. 5

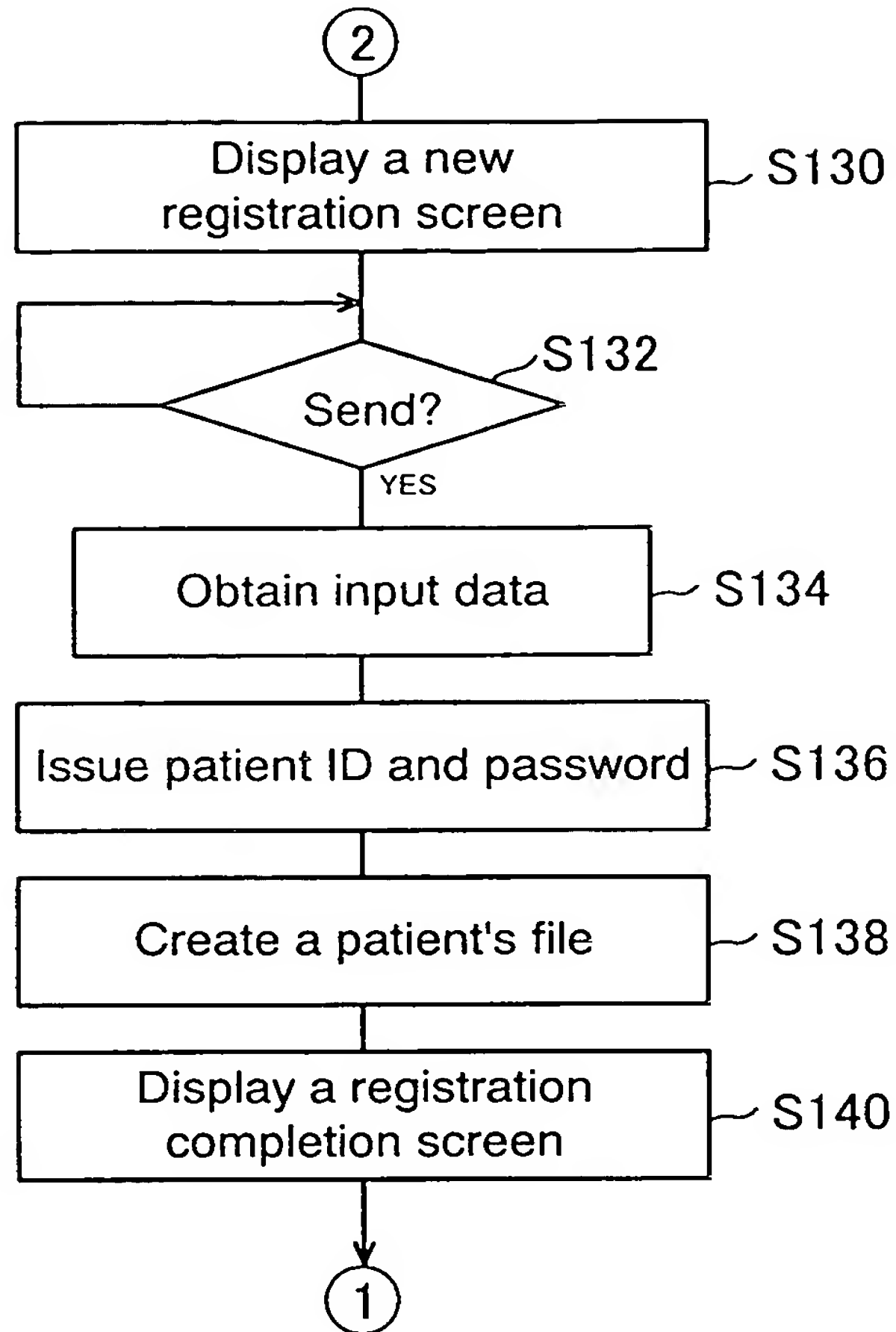


Fig. 6

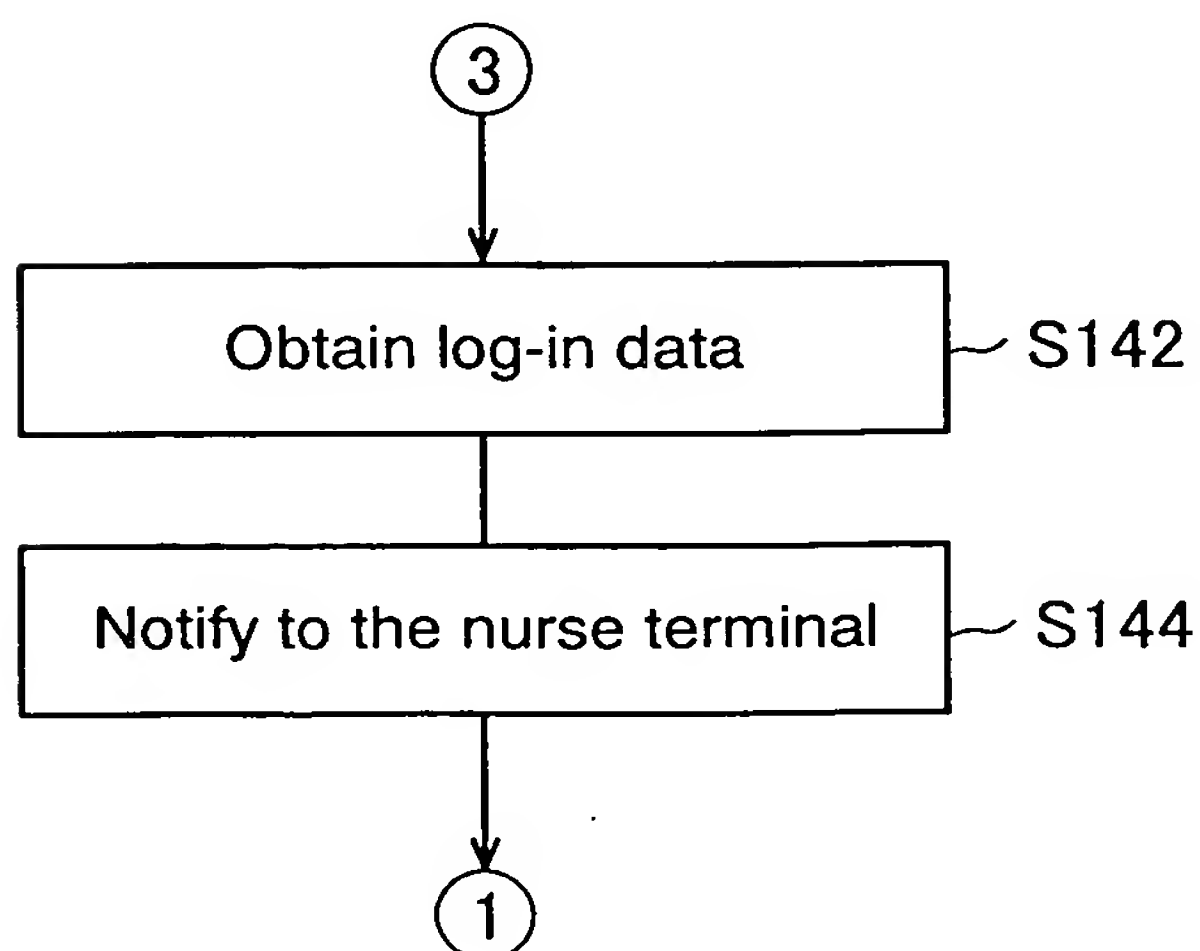


Fig. 7

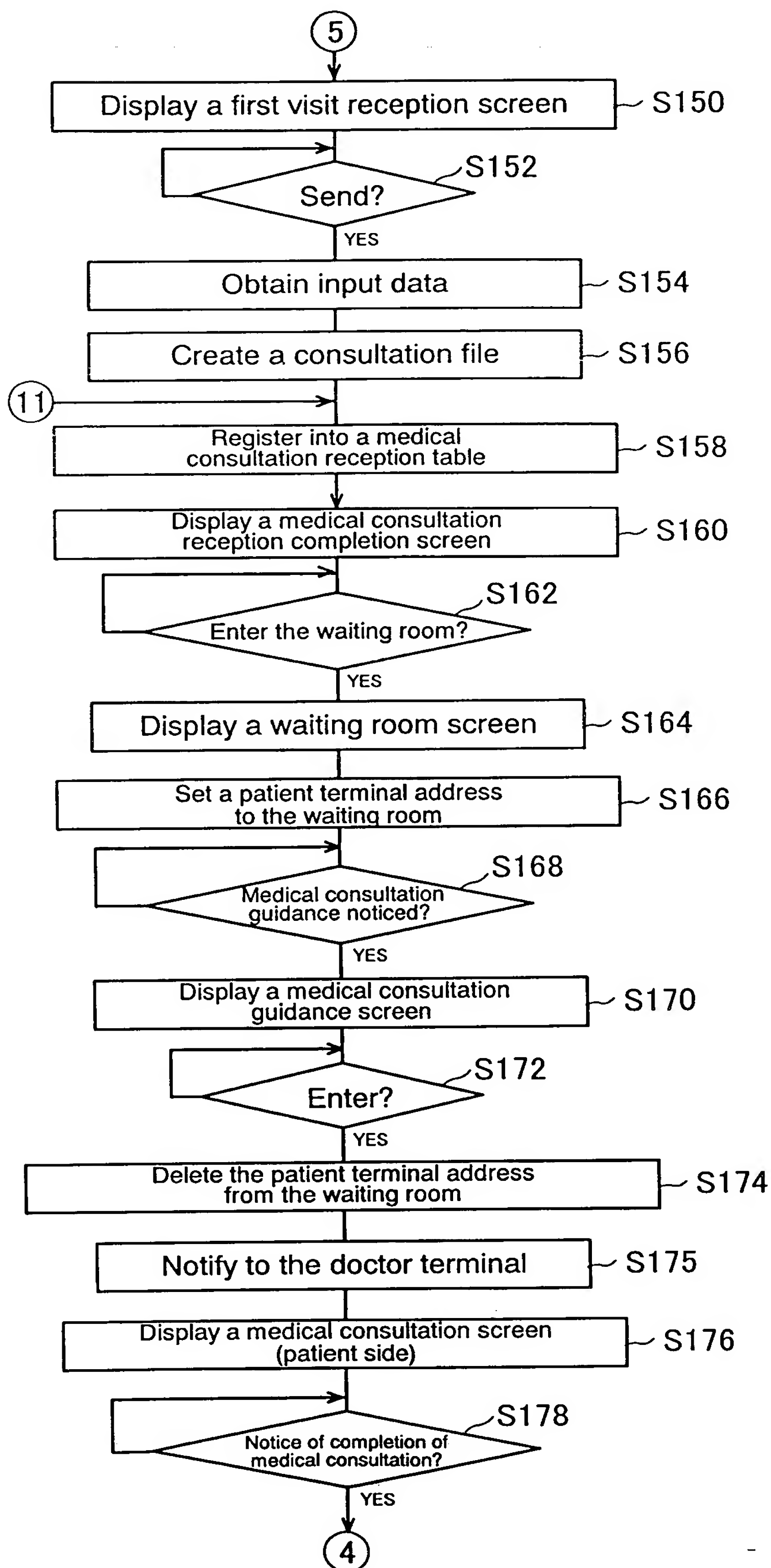


Fig. 8

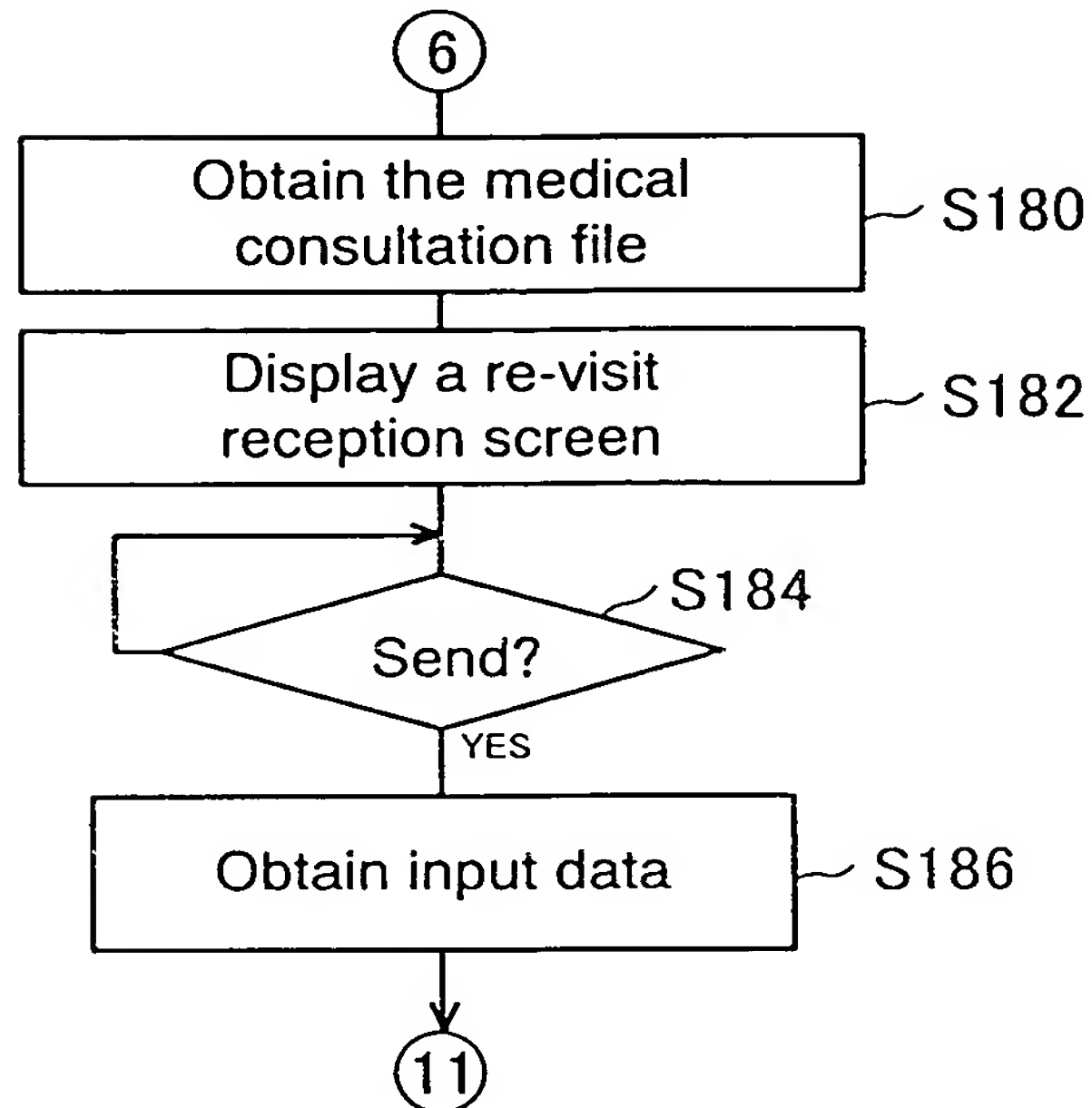


Fig. 9

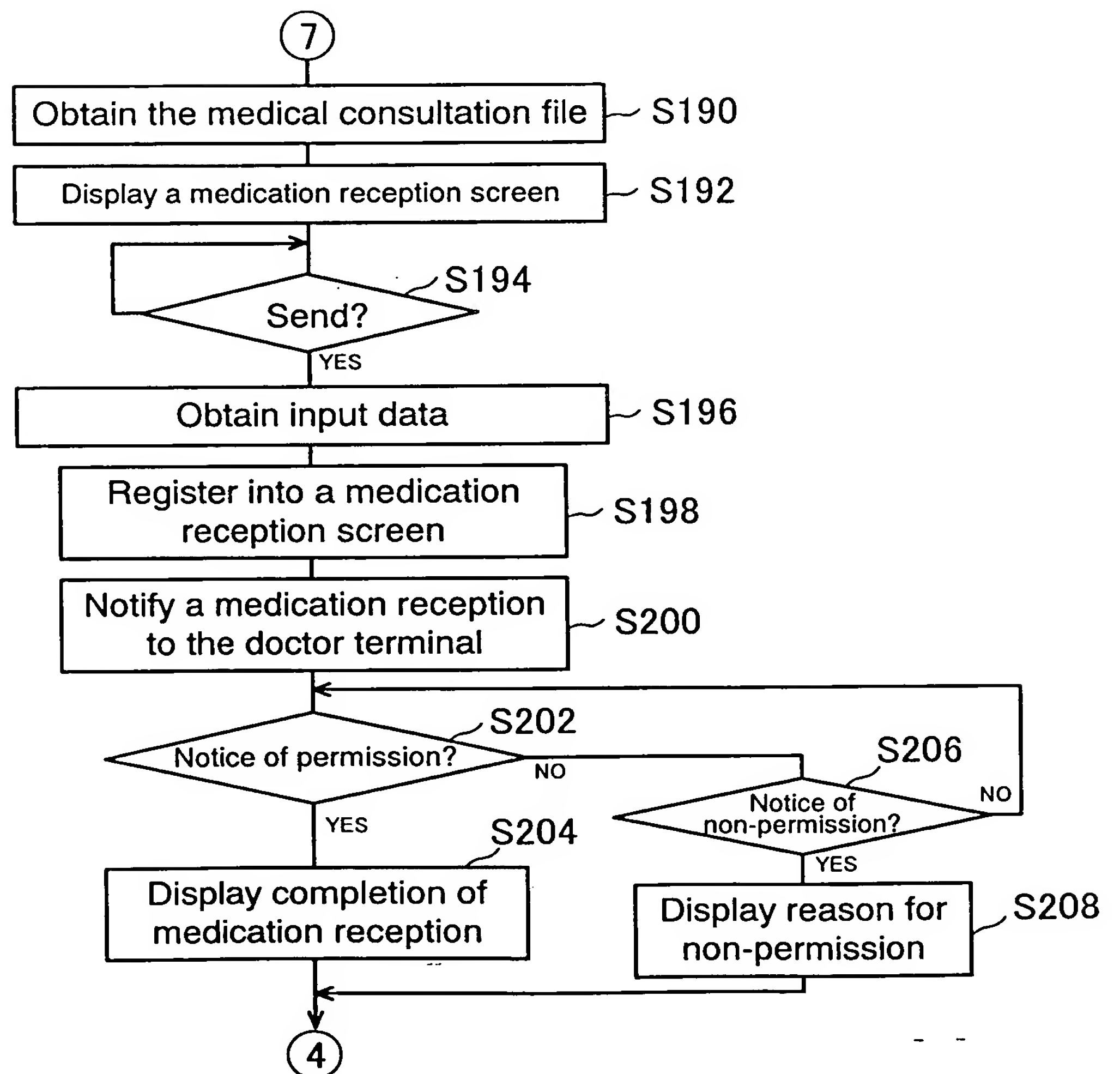


Fig. 10

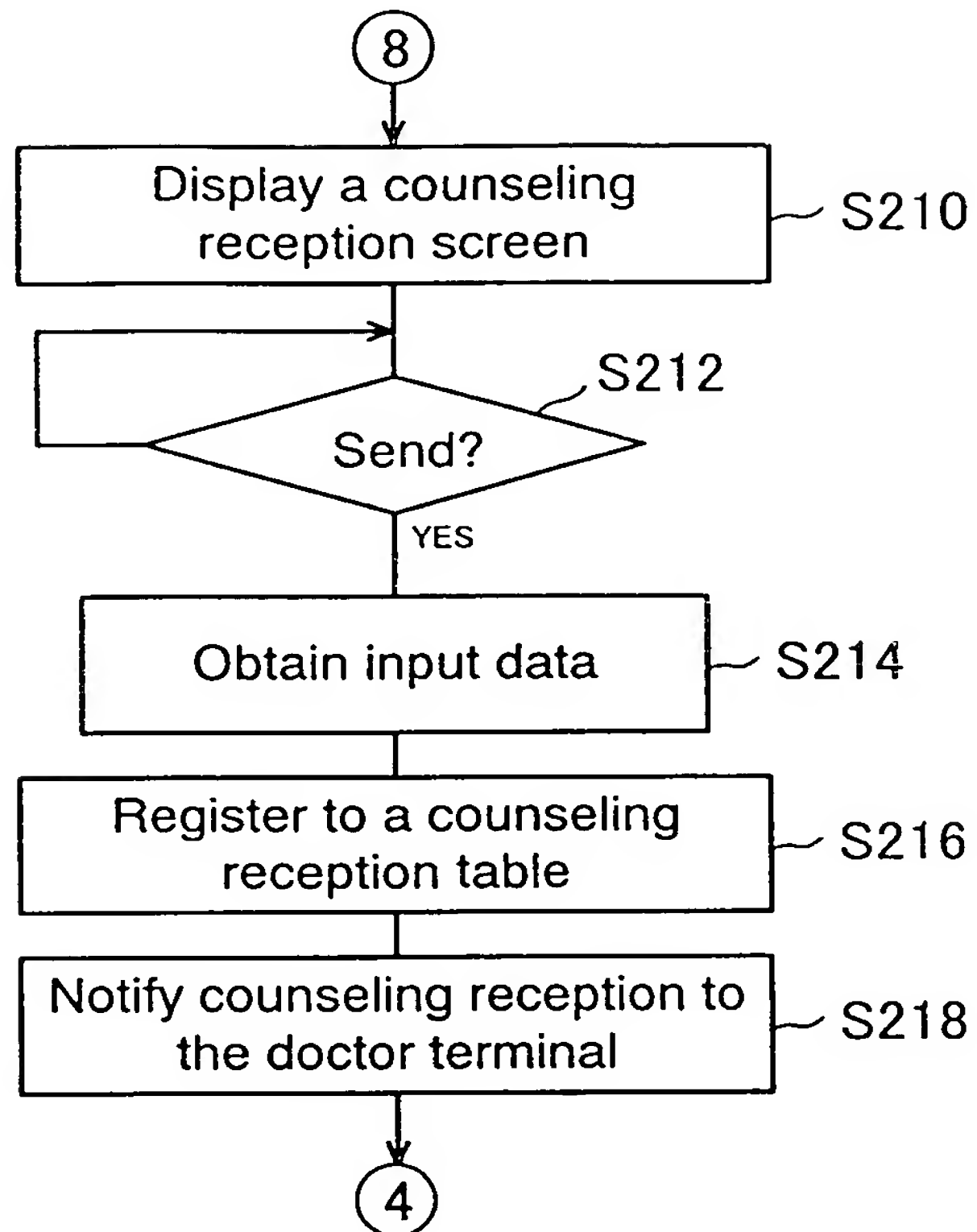


Fig. 11

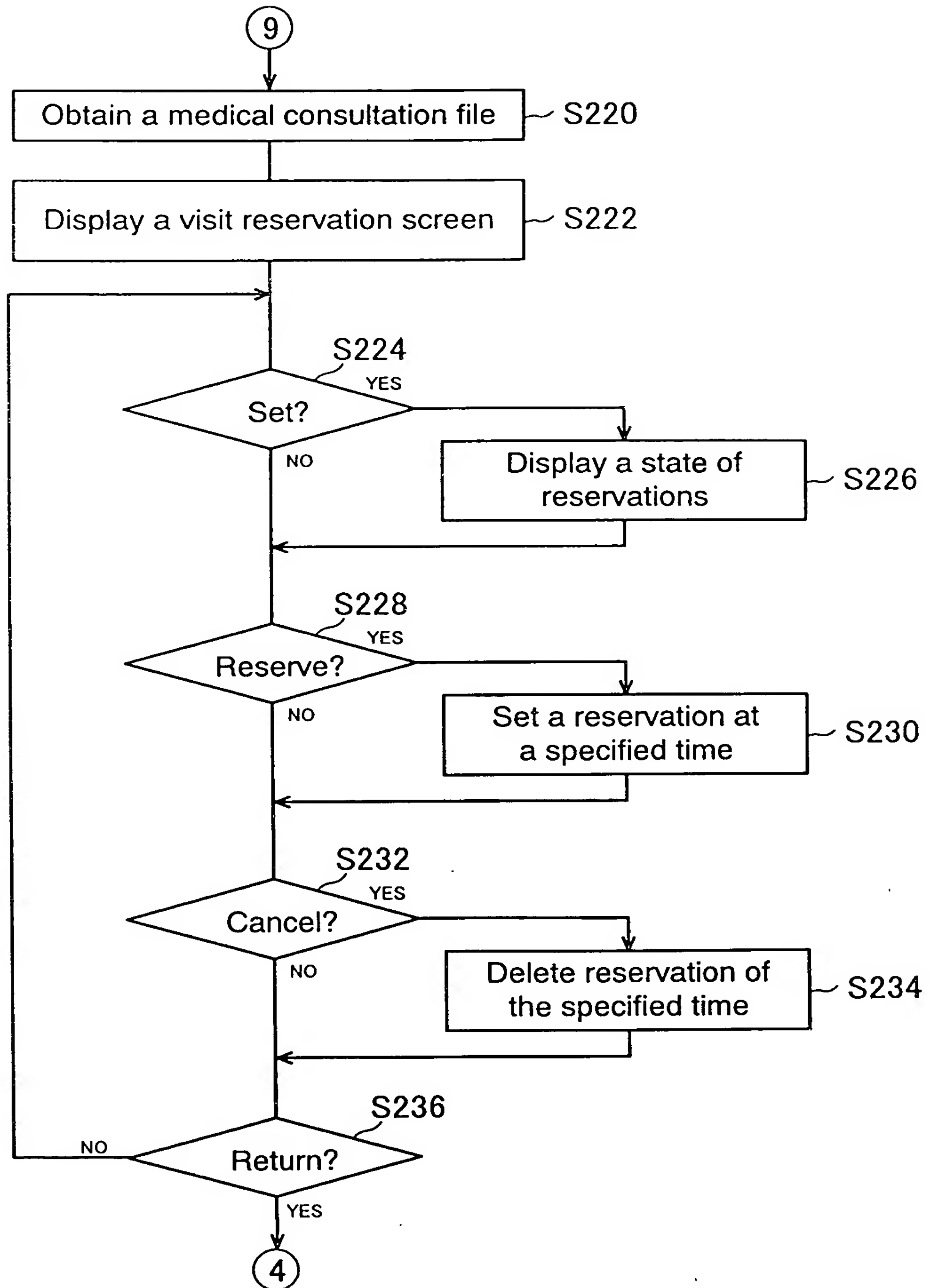


Fig. 12

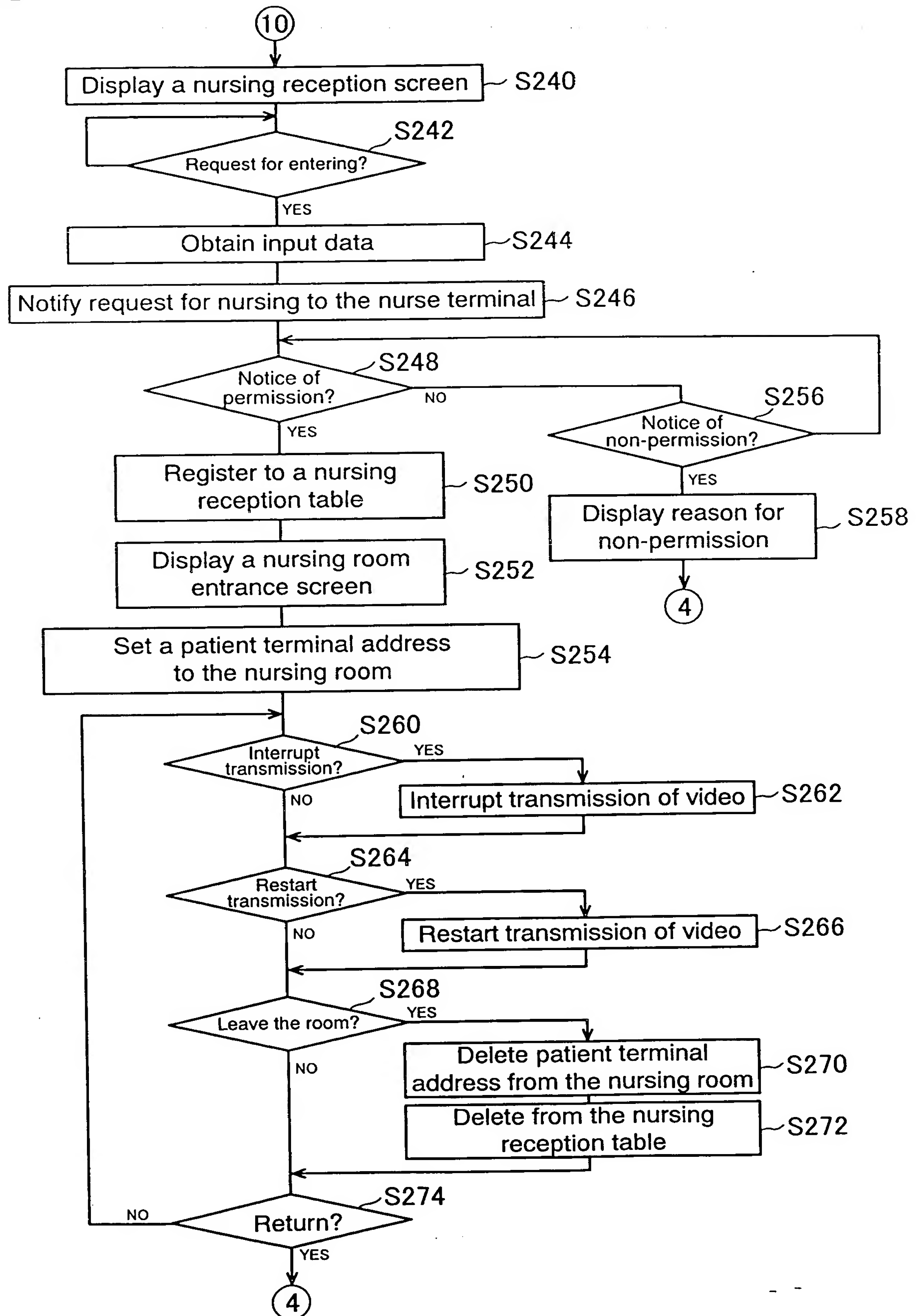


Fig. 13

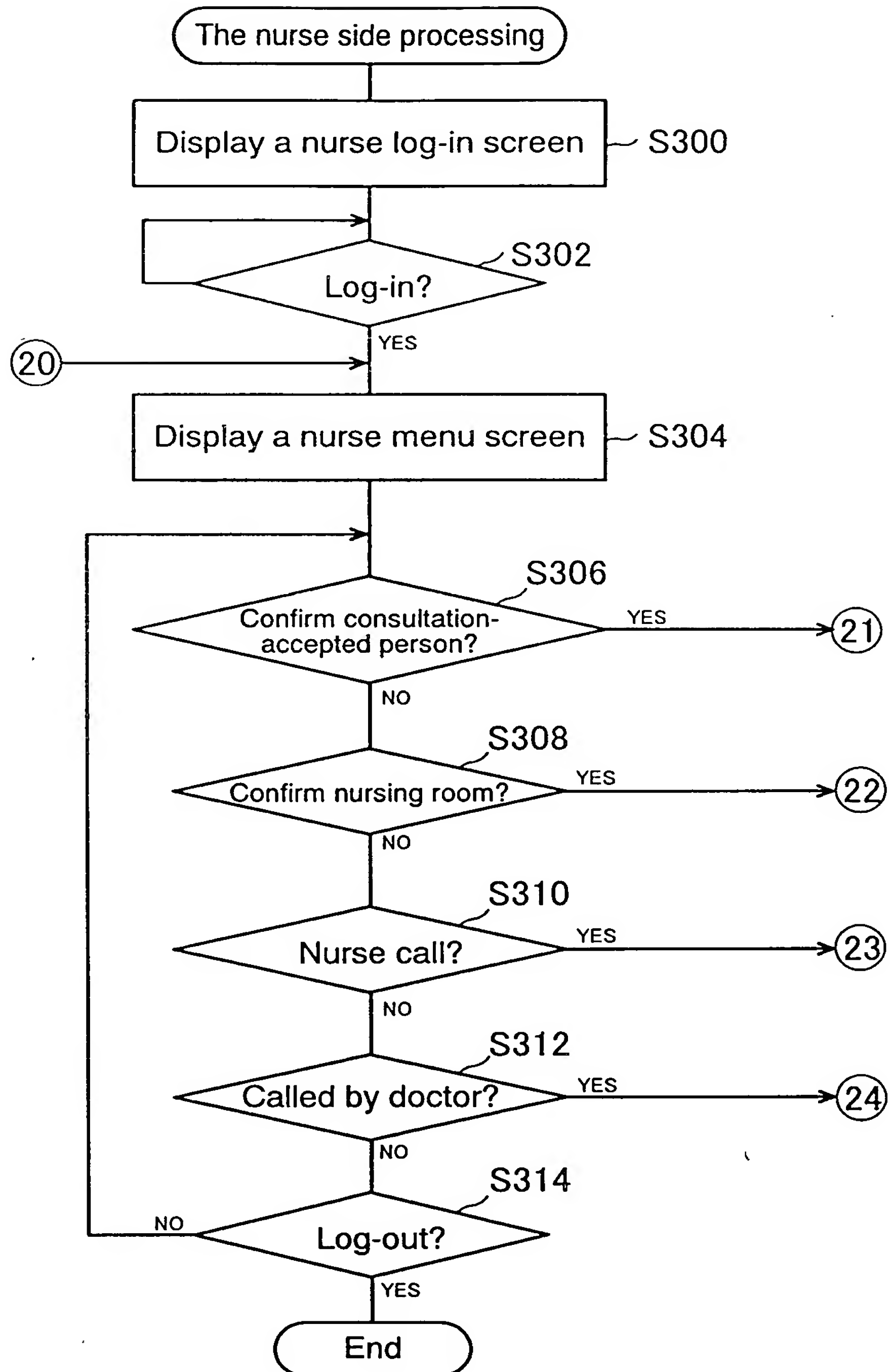


Fig. 14

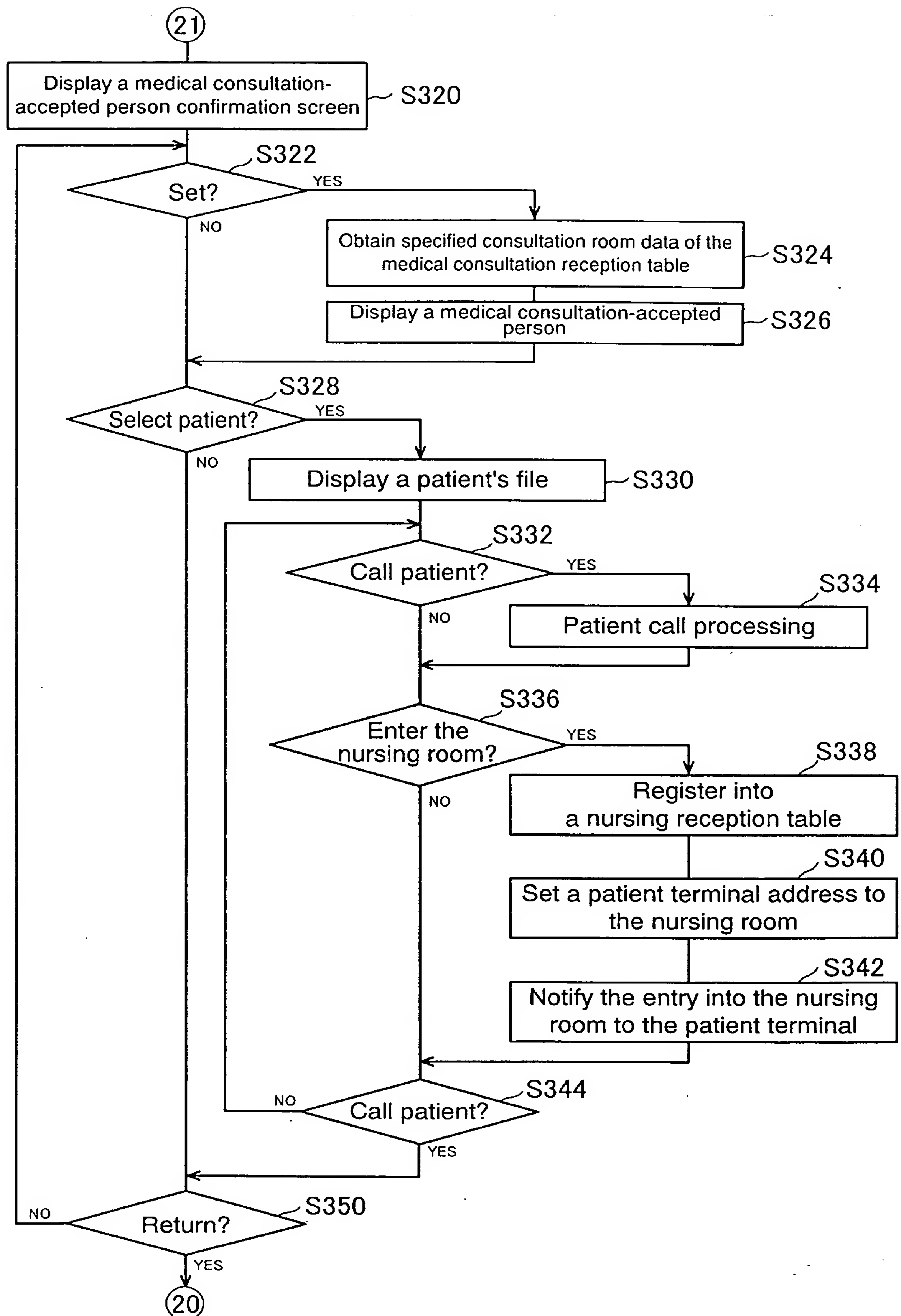


Fig. 15

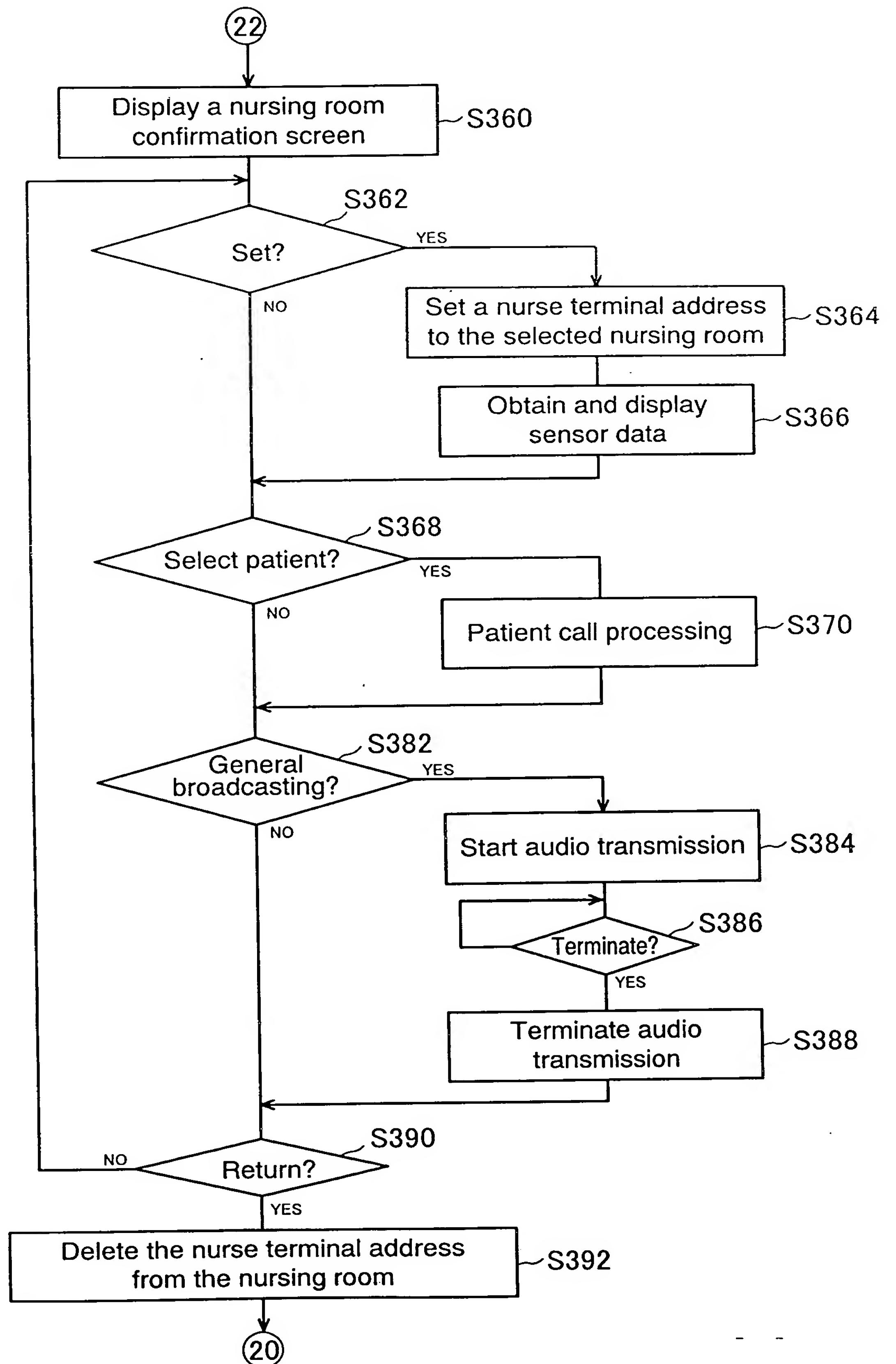


Fig. 16

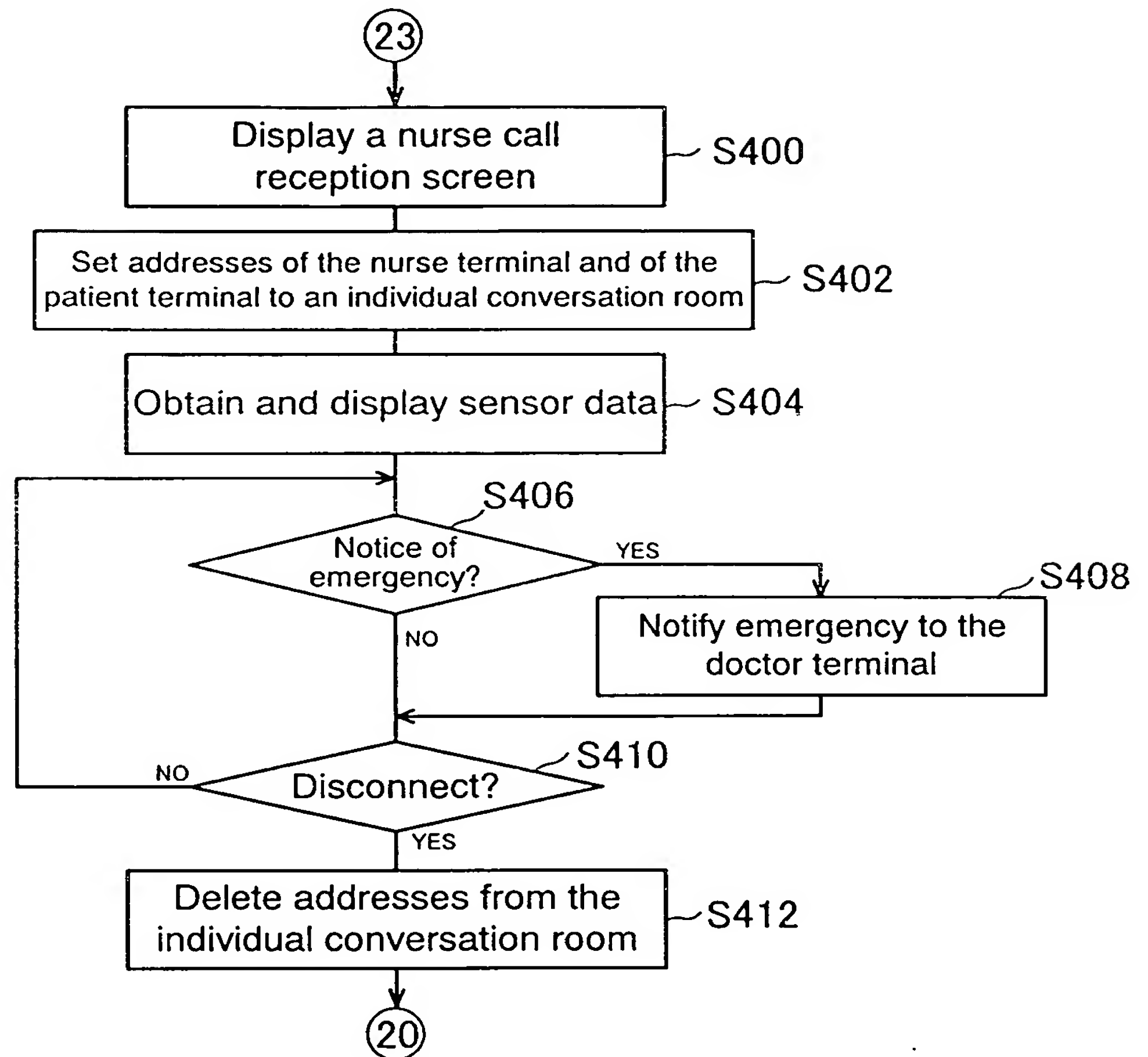


Fig. 17

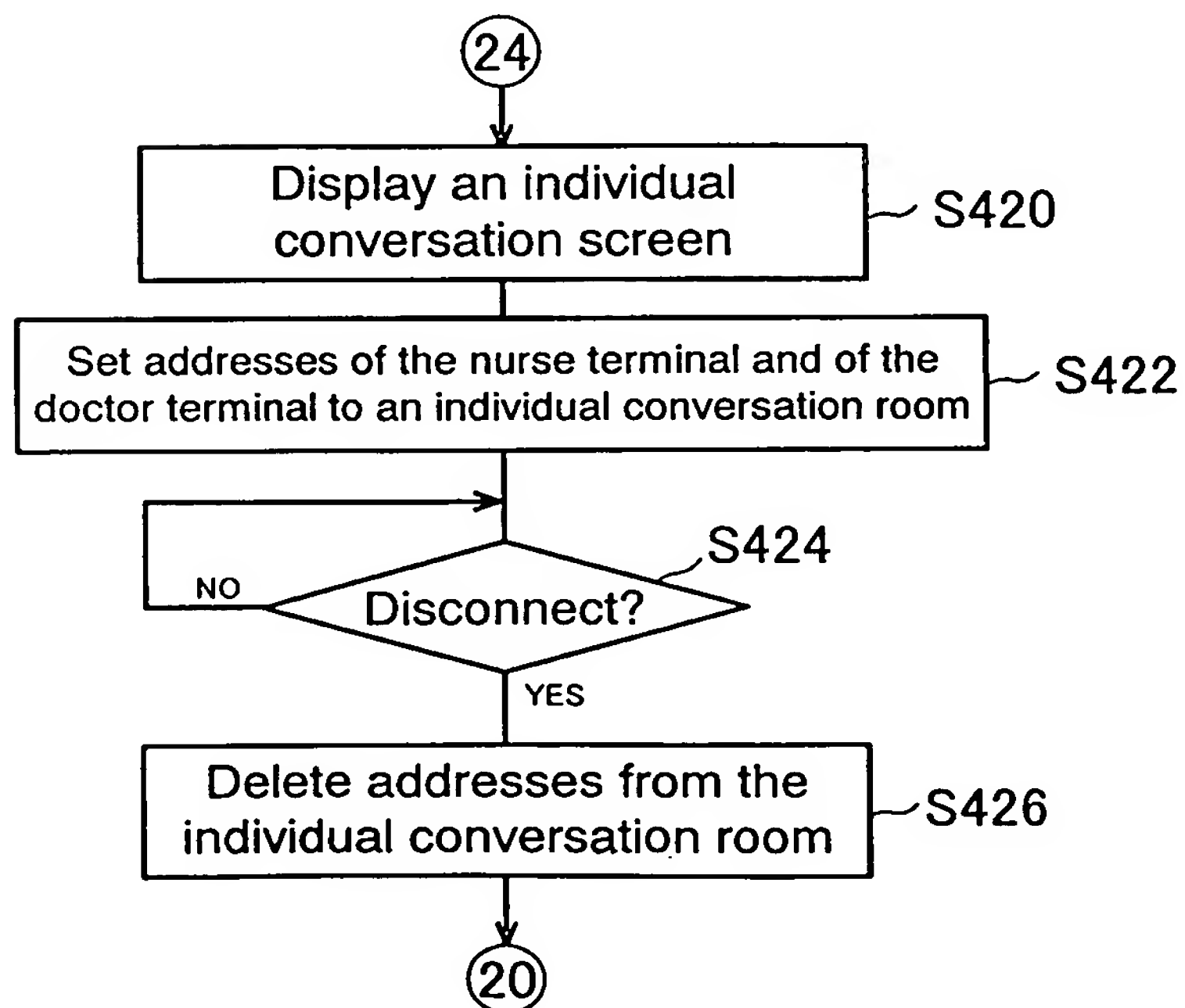


Fig. 18

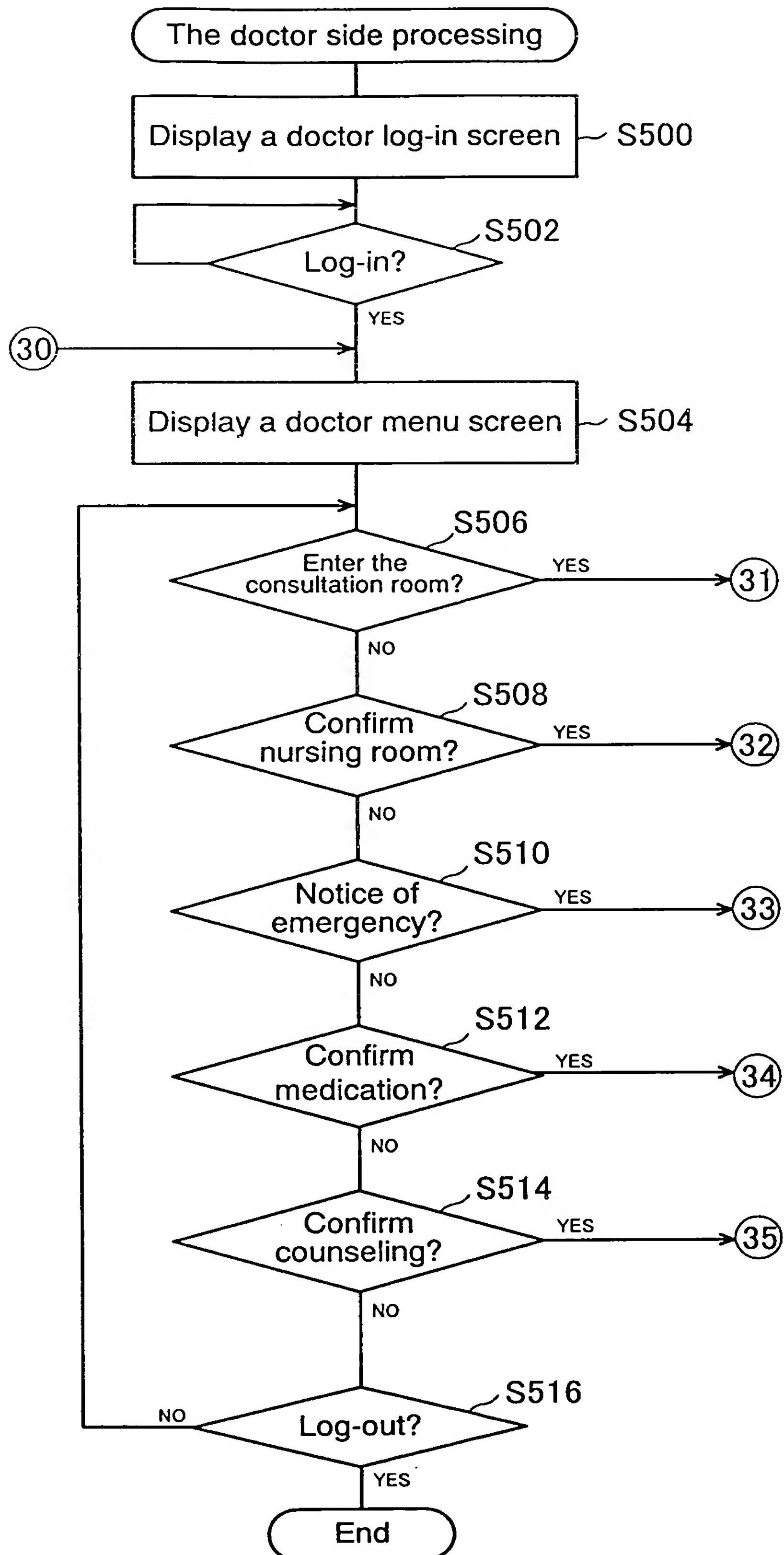


Fig. 19

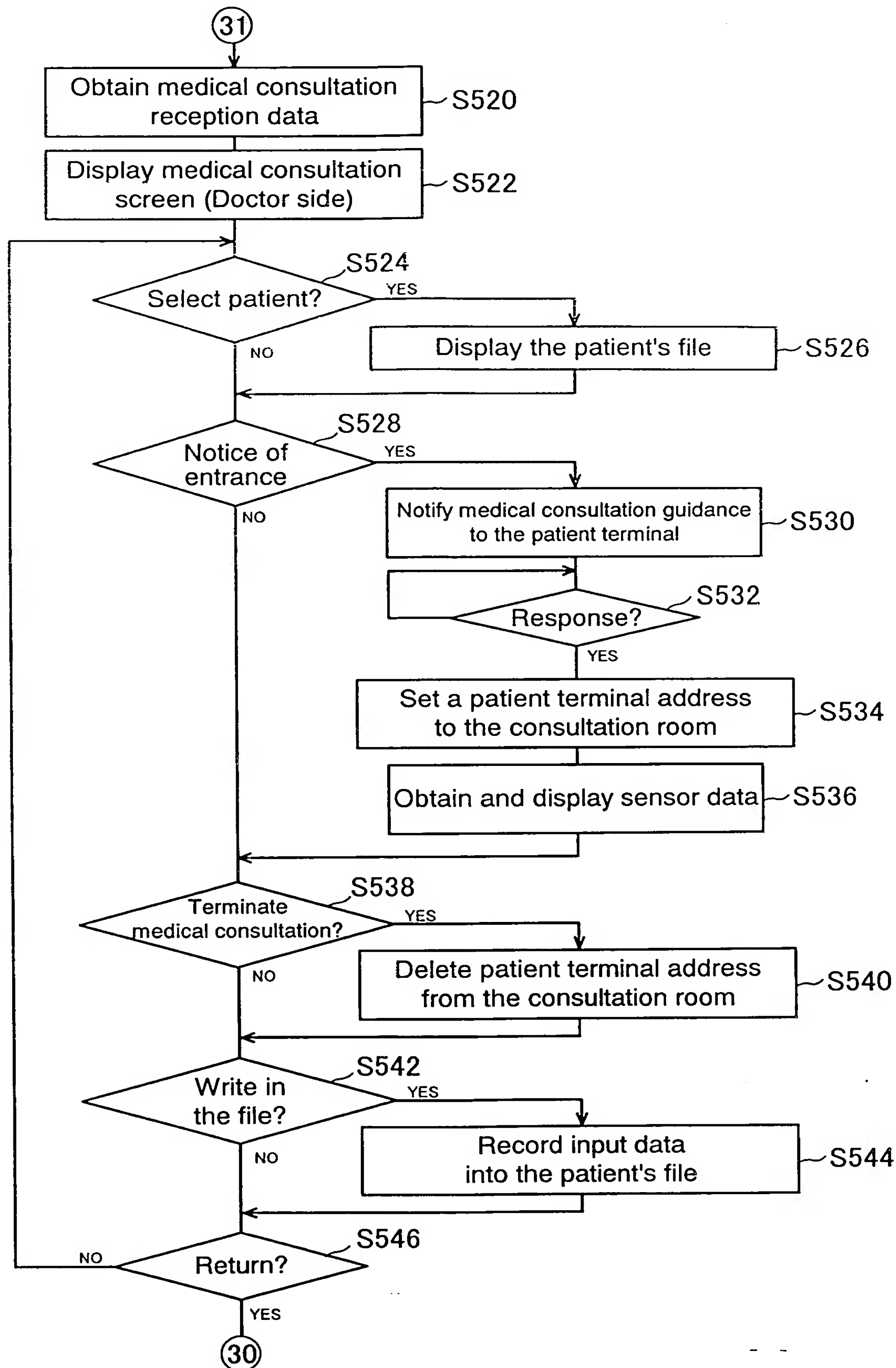


Fig. 20

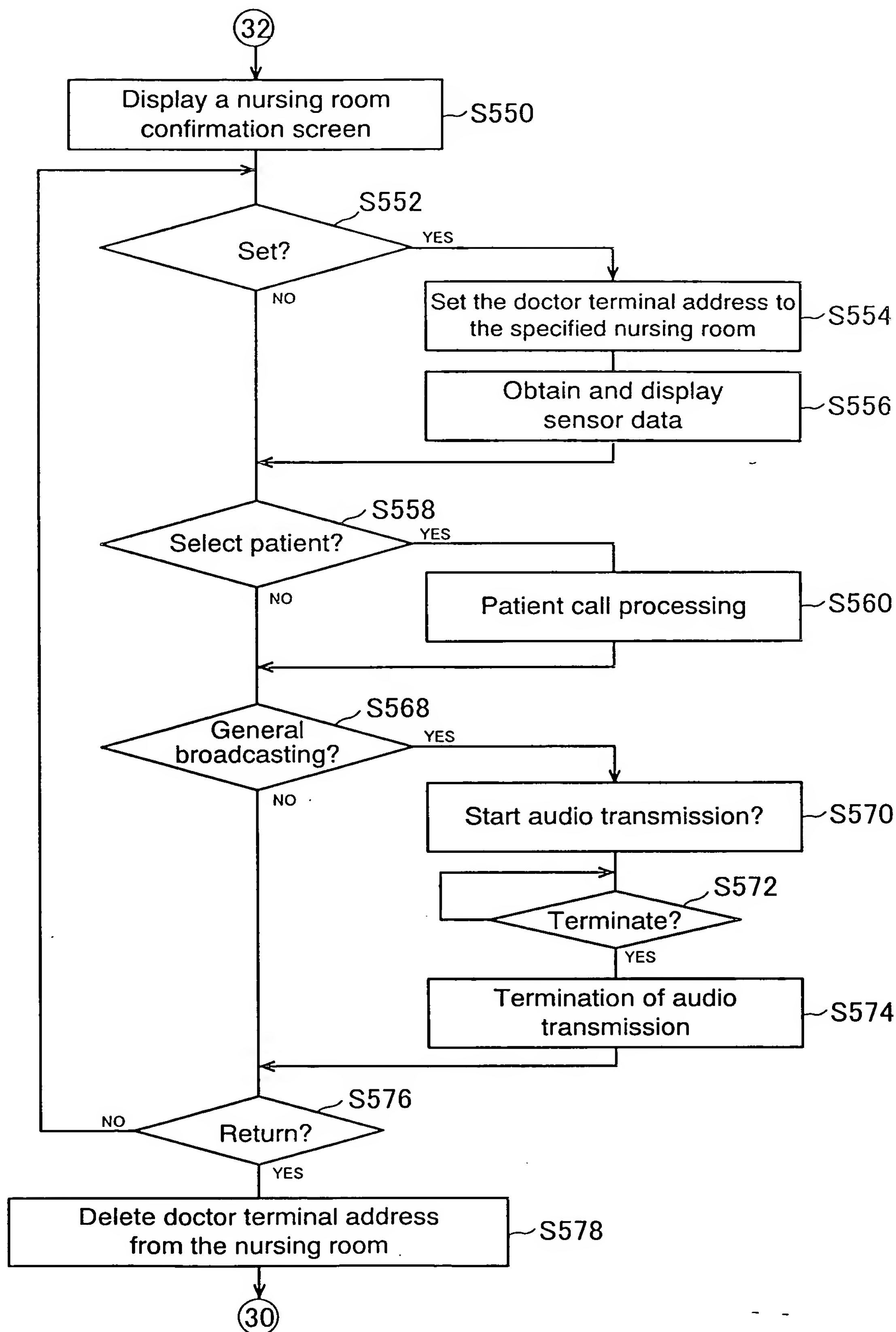


Fig. 21

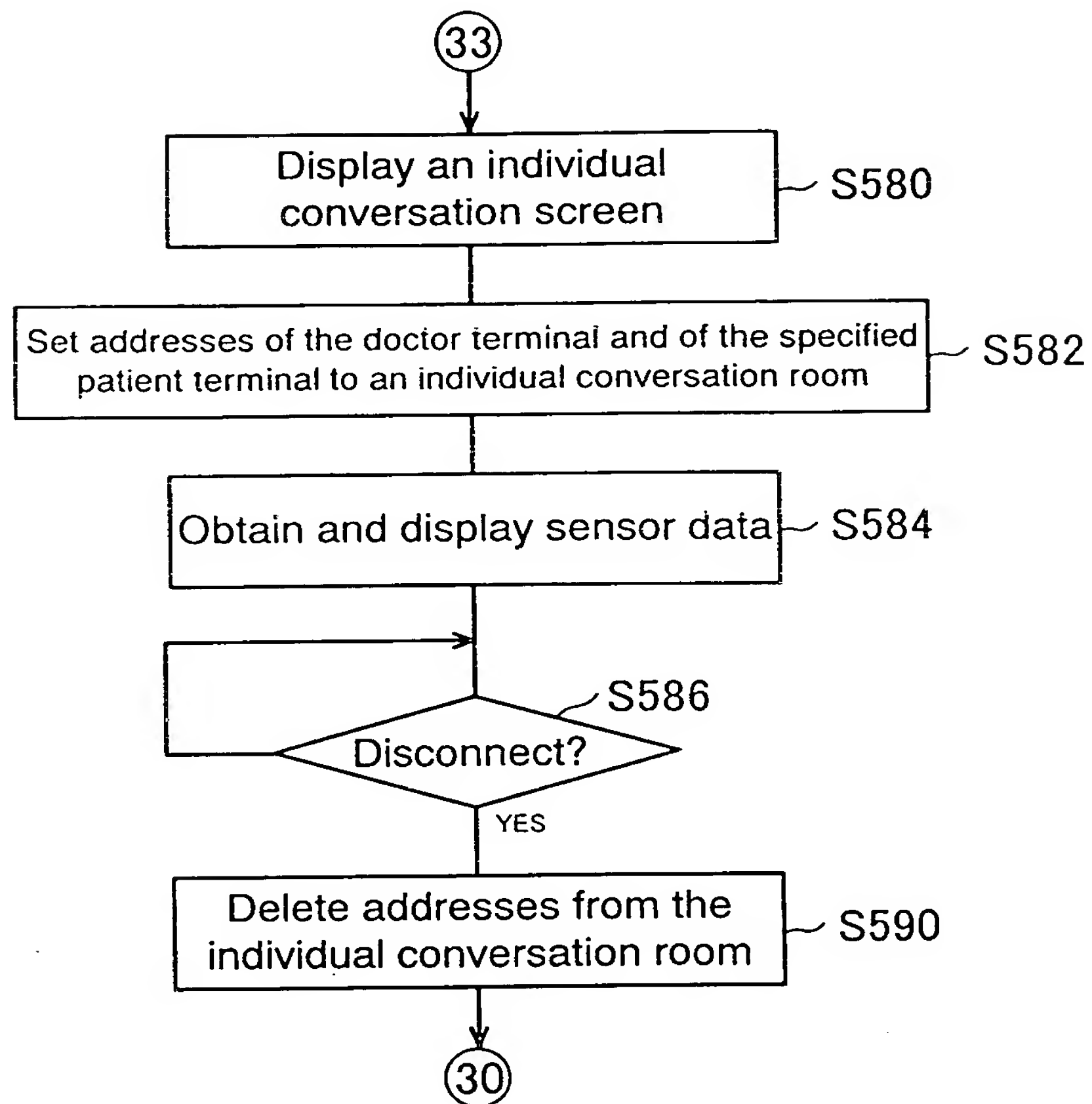


Fig. 22

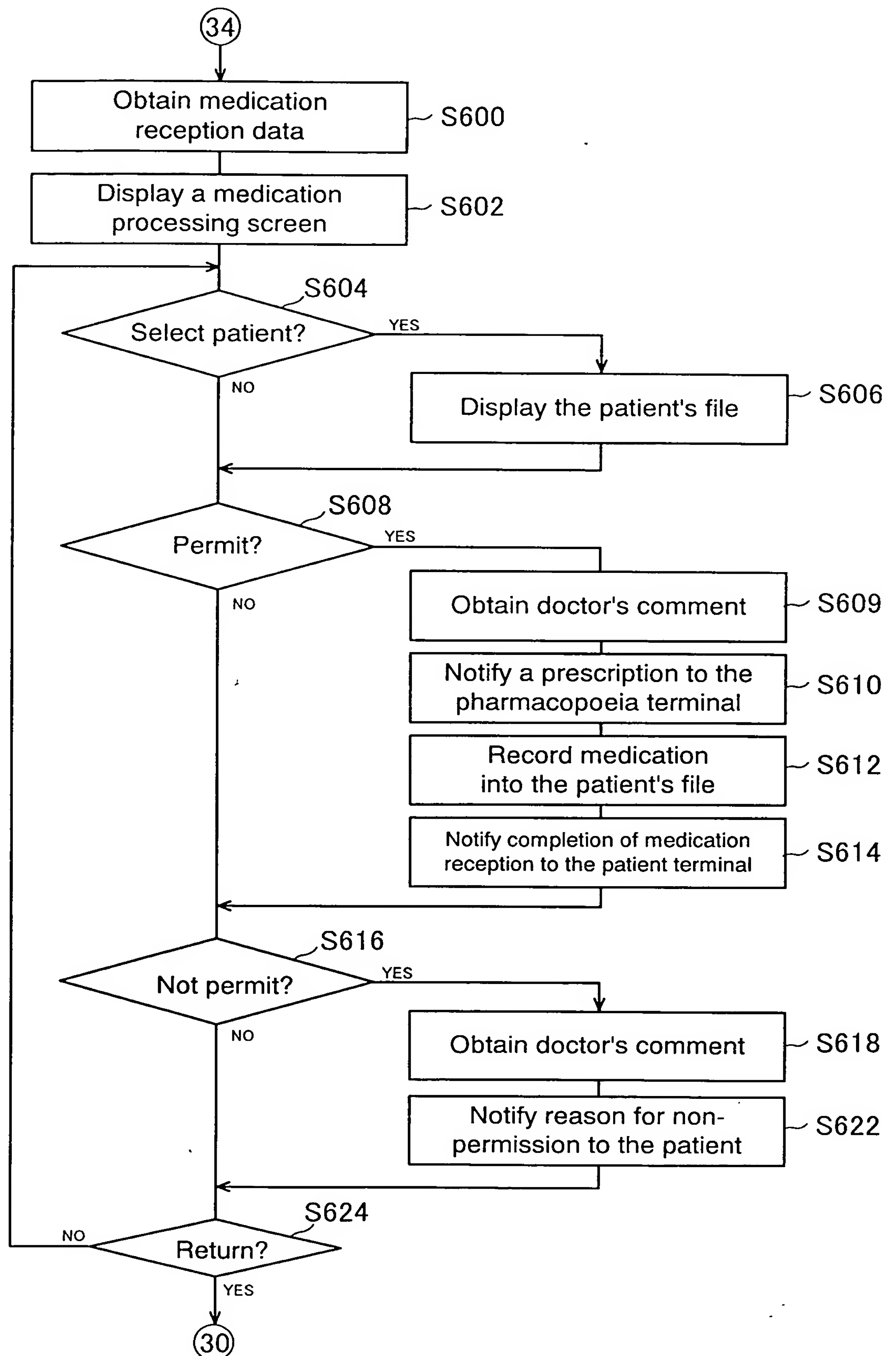


Fig. 23

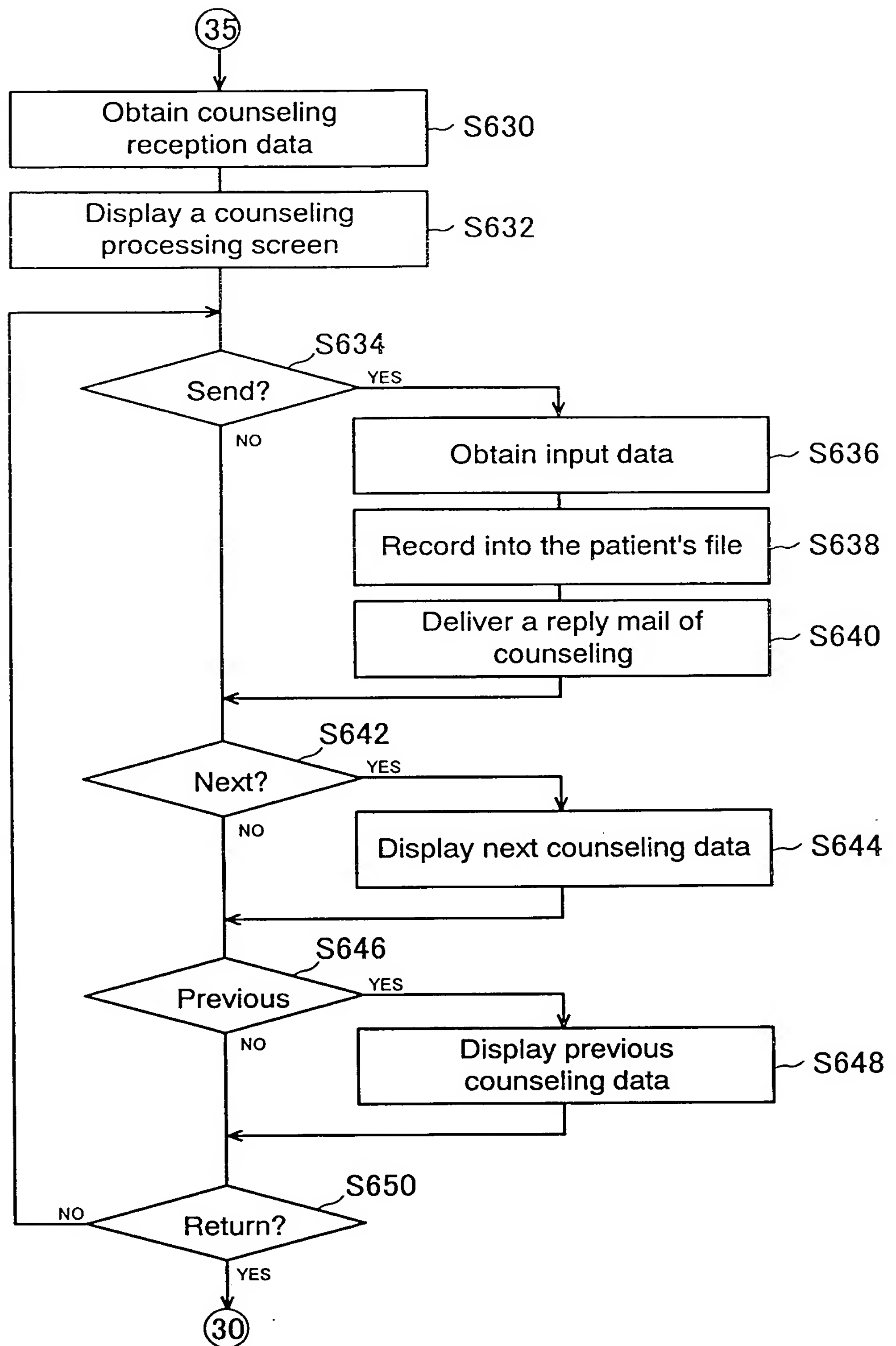


Fig. 24

PATIENT RECEPTION SCREEN

Patient ID

Password

[Click here for new registration](#)

Fig. 25

NEW REGISTRATION SCREEN

Name

Address

Date of birth

▽

 year

▽

 month

▽

 day

Sex

☐ Male

☐ Female

Insurance No.

Tel. No.

Person to be contacted
in case of emergency

Tel. No. of above person

E-mail address

Doctor in charge

Anamnesis

Name of disease

When

Name of disease

When

Name of disease

When

Allergy

☐ No

☐ Yes

- Content

Send

Reset

Return

Fig. 26

PATIENT MENU SCREEN

Patient IDXXXX

Patient nameXXXX

Reception of
first visit

Reception of
re-visit

Reception of
medication

Reception of
counseling

Reservation for visit
consultation

Reception of
nursing

Log-out

Nurse call

Fig. 27

FIRST VISIT RECEPTION SCREEN		Call receptionist
Patient ID	XXXX	
Patient name	XXXX	
Select medical consultation department		
<input type="radio"/> Internal medicine	<input type="radio"/> Surgery	<input type="radio"/> Orthopedics <input type="radio"/> Dermatology
<input type="radio"/> Urology	<input type="radio"/> Gynecology	<input type="radio"/> Pediatrics <input type="radio"/> Psychiatry
<input type="radio"/> Ophthalmology	<input type="radio"/> Otolaryngology	<input type="radio"/> Dentistry
<input type="radio"/> Not sure		
Rational symptom		
<div></div>		
Physical condition		
Appetite	<input type="radio"/> Normal	<input type="radio"/> Bad
Sleep	<input type="radio"/> Normal	<input type="radio"/> Bad
Bowel movements (<input type="text"/> times per <input type="text"/> days)	<input type="radio"/> Watery	<input type="radio"/> Soft <input type="radio"/> Normal
	<input type="radio"/> Hard	<input type="radio"/> Black stool <input type="radio"/> Bloody stool
Urine (<input type="text"/> times per <input type="text"/> days)		
Alcohols (<input type="text"/> mls a day)	Beer	(<input type="text"/> bottles a day)
Smoking (<input type="text"/> cigarettes a day)		
<div>Send</div>	<div>Return</div>	<div>Nurse call</div>

Fig. 28

MEDICAL CONSULTATION
RECEPTION COMPLETION SCREEN

Patient IDXXXX

Patient' nameXXXX

Medical consultation of the XX department
accepted.
Please enter the waiting room and wait.


Enter the waiting room


Nurse call


Fig. 29


WAITING ROOM SCREEN


Video of the waiting room
of a hospital


XXXX


XXXX


XXXX


XXXX


XXXX

Leave

Nurse call

Fig. 30

MEDICAL CONSULTATION GUIDANCE SCREEN

Patient IDXXXX

Patient nameXXXX

Please enter the consultation room

Enter consultation room

Fig. 31

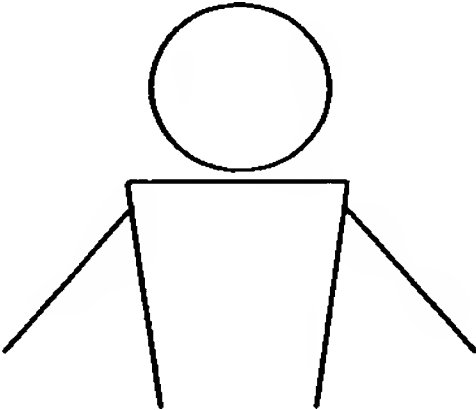
MEDICAL CONSULTATION SCREEN (PATIENT SIDE)

Patient IDXXXX

Patient nameXXXX

Doctor nameXXXX

Doctor video



Sensor display

Body temperatureXX°C

PulseXX

Blood pressureXX-XX

SpO2XX

Fig. 32

RE-VISIT RECEPTION SCREEN

Call receptionist

Patient ID

XXXX

Patient name

XXXX

Select medical consultation department

☐ Internal medicine

☐ Dentistry

Rational symptoms (Write if any)

Send

Return

Nurse call

Fig. 33

MEDICATION RECEPTION SCREEN

Call receptionist

Patient IDXXXX

Patient nameXXXX

Select medical consultation item

☐ Internal medicine

☐ Ophthalmology

Rational symptoms (Write if any)

Send

Return

Nurse call

Fig. 34

COUNSELING RECEPTION SCREEN

Call receptionist

Patient ID

XXXX

Patient name

XXXX

Select medical consultation department

☐ Internal medicine

☐ Surgery

☐ Orthopedics

☐ Dermatology

☐ Urology

☐ Gynecology

☐ Pediatrics

☐ Psychiatry

☐ Ophthalmology

☐ Otolaryn-gology

☐ Dentistry

☐ Not sure

Content of counseling

Send

Return

Nurse call

Fig. 35

VISIT RESERVATION SCREEN

Call receptionist

Patient IDXXXX

Patient nameXXXX

Select medical consultation item

☐ Internal medicine

☐ Dentistry

Date

▽

 month

▽

 day

Set

State of reservation

Consultation room (doctor)	9	10	11	12	13	14	15	16	17
First(XXXX)									
Second(XXXX)									
Third(XXXX)									

: Reservation not permitted

: Reservation permitted

: Reserved

Reserve

Cancel

Return

Nurse call

Fig. 36

NURSING RECEPTION SCREEN

Call receptionist

Patient IDXXXX

Patient nameXXXX

Rational symptoms (Write if any)

Request for entering nursing room

Return

Nurse call

Fig. 37

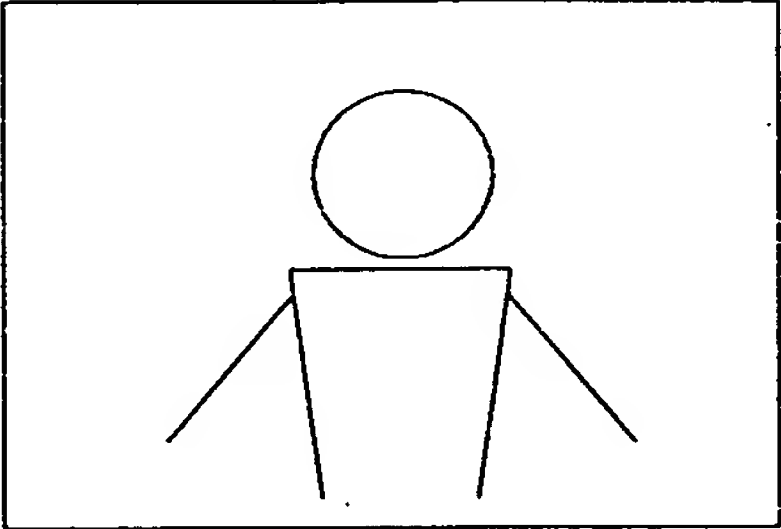
NURSING ROOM ENTRANCE SCREEN

Patient IDXXXX

Patient nameXXXX

Now in the Nth
nursing room

Own video



Vital sensor display

Body
temperatureXX°C

PulseXX

Blood
pressureXX-XX

SpO2XX

Interrupt/Restart
transmission

Leave

Return

Fig. 38

NURSE MENU SCREEN

Confirm a medical
consultation-accepted person

Confirm a nursing room

Log-out

<u>MEDICAL CONSULTATION-ACCEPTED</u> <u>PERSON CONFIRMATION SCREEN</u>				<div style="border: 1px solid black; padding: 2px 10px;">Call doctor</div>		
Select consultation room <div style="border: 1px solid black; padding: 2px 10px;"> <input type="text"/> ▾ </div>				<div style="border: 1px solid black; padding: 2px 10px;">Set</div>		
X year X month X day				Nth consultation room (Dr. XX is in charge)		
No.	Patient ID	Patient name	Received at	Classification		Status
				Visit	At-home	
1	<u>XXXX</u>	XXXX	XX:XX	○		Finished (at XX:XX)
2	<u>XXXX</u>	XXXX	XX:XX		○	Finished (at XX:XX)
3	<u>XXXX</u>	XXXX	XX:XX	○		under consultation
4	<u>XXXX</u>	XXXX	XX:XX	○		
5	<u>XXXX</u>	XXXX	XX:XX		○	
⋮						

Return

Fig. 40

PATIENT'S FILE DISPLAY SCREEN

Patient IDXXXX

Patient nameXXXX

Patient's file

Call patient

Enter nursing room

Return

Fig. 41

NURSING ROOM CONFIRMATION SCREEN

Call doctor

Select nursing room ▼

Set

Nth nursing room
 (Dr. XXXX is in charge)

<div style="display: flex; align-items: center; justify-content: center;"> <div> Body temperature XX°C Pulse XX Blood pressure XX-XX SpO2 XX </div> </div> <div style="display: flex; justify-content: center; margin-top: 5px;"> <div style="border: 1px solid black; padding: 2px 10px;">Auto</div> <div style="border: 1px solid black; padding: 2px 10px;">Manual</div> </div> <div style="margin-top: 10px;"> Patient ID <u>XXXX</u> Patient name XXXX </div>	<div style="display: flex; align-items: center; justify-content: center;"> <div> Body temperature XX°C Pulse XX Blood pressure XX-XX SpO2 XX </div> </div> <div style="display: flex; justify-content: center; margin-top: 5px;"> <div style="border: 1px solid black; padding: 2px 10px;">Auto</div> <div style="border: 1px solid black; padding: 2px 10px;">Manual</div> </div> <div style="margin-top: 10px;"> Patient ID <u>XXXX</u> Patient name XXXX </div>	<div style="display: flex; align-items: center; justify-content: center;"> <div> Body temperature XX°C Pulse XX Blood pressure XX-XX SpO2 XX </div> </div> <div style="display: flex; justify-content: center; margin-top: 5px;"> <div style="border: 1px solid black; padding: 2px 10px;">Auto</div> <div style="border: 1px solid black; padding: 2px 10px;">Manual</div> </div> <div style="margin-top: 10px;"> Patient ID <u>XXXX</u> Patient name XXXX </div>
<div style="display: flex; align-items: center; justify-content: center;"> <div> Body temperature XX°C Pulse XX Blood pressure XX-XX SpO2 XX </div> </div> <div style="display: flex; justify-content: center; margin-top: 5px;"> <div style="border: 1px solid black; padding: 2px 10px;">Auto</div> <div style="border: 1px solid black; padding: 2px 10px;">Manual</div> </div> <div style="margin-top: 10px;"> Patient ID <u>XXXX</u> Patient name XXXX </div>	<div style="display: flex; align-items: center; justify-content: center;"> <div> Body temperature XX°C Pulse XX Blood pressure XX-XX SpO2 XX </div> </div> <div style="display: flex; justify-content: center; margin-top: 5px;"> <div style="border: 1px solid black; padding: 2px 10px;">Auto</div> <div style="border: 1px solid black; padding: 2px 10px;">Manual</div> </div> <div style="margin-top: 10px;"> Patient ID <u>XXXX</u> Patient name XXXX </div>	<div style="display: flex; align-items: center; justify-content: center;"> <div> Body temperature XX°C Pulse XX Blood pressure XX-XX SpO2 XX </div> </div> <div style="display: flex; justify-content: center; margin-top: 5px;"> <div style="border: 1px solid black; padding: 2px 10px;">Auto</div> <div style="border: 1px solid black; padding: 2px 10px;">Manual</div> </div> <div style="margin-top: 10px;"> Patient ID <u>XXXX</u> Patient name XXXX </div>
<div style="display: flex; align-items: center; justify-content: center;"> <div> Body temperature XX°C Pulse XX Blood pressure XX-XX SpO2 XX </div> </div> <div style="display: flex; justify-content: center; margin-top: 5px;"> <div style="border: 1px solid black; padding: 2px 10px;">Auto</div> <div style="border: 1px solid black; padding: 2px 10px;">Manual</div> </div> <div style="margin-top: 10px;"> Patient ID <u>XXXX</u> Patient name XXXX </div>	<div style="display: flex; align-items: center; justify-content: center;"> <div> Body temperature XX°C Pulse XX Blood pressure XX-XX SpO2 XX </div> </div> <div style="display: flex; justify-content: center; margin-top: 5px;"> <div style="border: 1px solid black; padding: 2px 10px;">Auto</div> <div style="border: 1px solid black; padding: 2px 10px;">Manual</div> </div> <div style="margin-top: 10px;"> Patient ID <u>XXXX</u> Patient name XXXX </div>	<div style="display: flex; align-items: center; justify-content: center;"> <div> Body temperature XX°C Pulse XX Blood pressure XX-XX SpO2 XX </div> </div> <div style="display: flex; justify-content: center; margin-top: 5px;"> <div style="border: 1px solid black; padding: 2px 10px;">Auto</div> <div style="border: 1px solid black; padding: 2px 10px;">Manual</div> </div> <div style="margin-top: 10px;"> Patient ID <u>XXXX</u> Patient name XXXX </div>

General broadcast

Return

Fig. 42

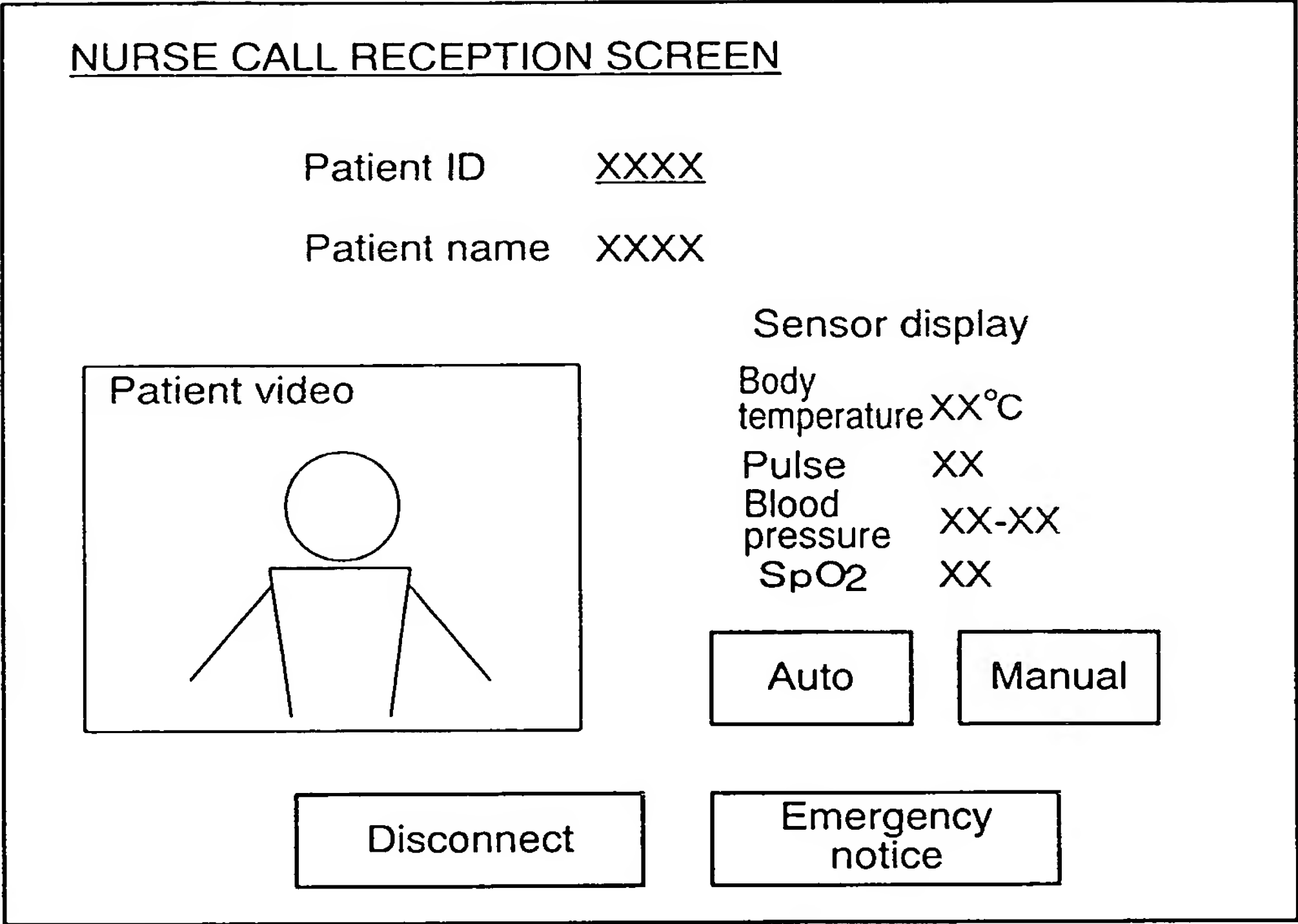


Fig. 43

DOCTOR MENU SCREEN

Call nurse

Doctor IDXXXX

Doctor nameXXXX

Enter consultation room

Confirm nursing room

Confirm medication

Confirm counseling

Log-out

MEDICAL CONSULTATION SCREEN (DOCTOR SIDE)

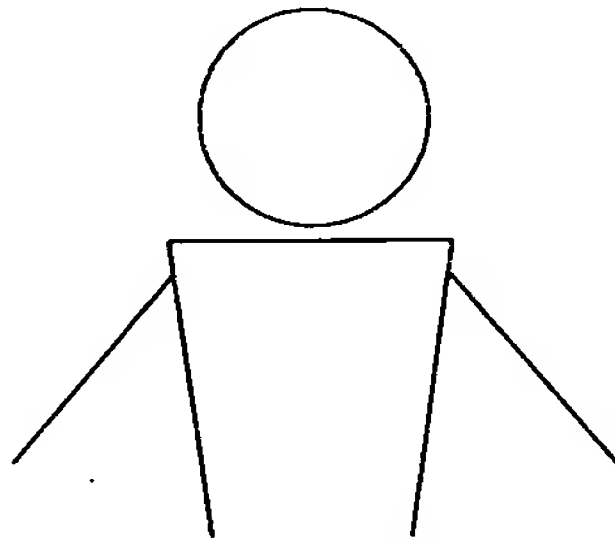
Patient ID XXXX

Patient name XXXX

Doctor ID XXXX

Doctor name XXXX

Patient video



Patient's file

▲

▼

Sensor display

Body temperature	XX°C
Pulse	XX
Blood pressure	XX-XX
SpO ₂	XX

Auto

Manual

X year X month X day

Nth consultation room reception data

No.	Patient ID	Patient name	Received at	Classification		Status
				Visit	At-home	
1	XXXX	XXXX	XX:XX	○		Finished (at XX:XX)
2	XXXX	XXXX	XX:XX		○	Finished (at XX:XX)
3	XXXX	XXXX	XX:XX	○		Under consultation
4	XXXX	XXXX	XX:XX	○		
5	XXXX	XXXX	XX:XX		○	

Terminate medical
consultation

Write into the file

Return

Fig. 45

COUNSELING PROCESSING SCREEN

Doctor's IDXXXX

Doctor's nameXXXX

Patient IDXXXX

Patient nameXXXX

Date of counselingX year X month X day X O'clock X min.

Content of counseling

Entry of reply

Send

Reset

Next

Previous

Return

Fig. 46

REPLY MAIL OF COUNSELING

Patient IDXXXX

Patient nameXXXX

Date of counselingX year X month X day X o'clock X min.

Doctor who repliedYYYY

Date of replyX year X month X day X o'clock X min.

Content of counseling

Content of reply

Return

Fig. 47

MEDICATION PROCESSING SCREEN

Doctor ID XXXX
Doctor name XXXX

X year X month X day

Medication reception data

No.	Patient ID	Patient name	Received at	Classification		Status
				Visit	At-home	
1	XXXX	XXXX	XX:XX	○		Finished (at XX:XX)
2	XXXX	XXXX	XX:XX		○	Finished (at XX:XX)
3	XXXX	XXXX	XX:XX	○		
4	XXXX	XXXX	XX:XX	○		
5	XXXX	XXXX	XX:XX		○	

Entry of doctor's comment

Permit

Not permit

Return